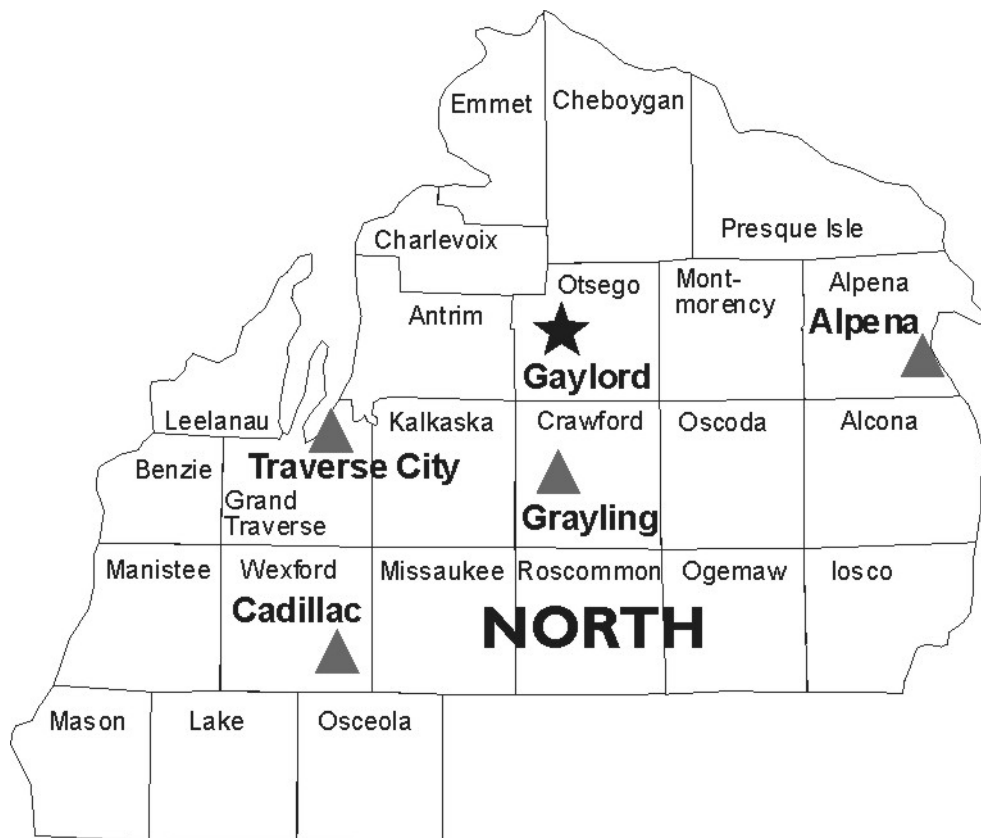


North Region

2006-2010

Five Year Transportation Program



The North Region is comprised of the 24 northernmost counties of the Lower Peninsula, which are: Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Iosco, Kalkaska, Lake, Leelanau, Manistee, Mason, Missaukee, Montmorency, Ogemaw, Osceola, Oscoda, Otsego, Presque Isle, Roscommon, and Wexford. Major routes include I-75, US-127, US-23, US-131, and US-31.

The North Region continues to provide quality transportation services for Michigan's highly successful year-round tourism industry. Preservation of the existing system remains a high priority. The effective passing relief lane program will be continued through 2008, with more than 12 lane miles of passing relief lanes planned for the next three years.

MDOT continues a strategy to address operational issues and the removal of congestion points, wherever possible, to ensure the smooth flow of traffic. The department also continues to address recreational and daily congestion problems in specific locations such as Alpena, Cadillac, Gaylord, Grayling, Petoskey, and Traverse City.

2005 Accomplishments

Since 2001, approximately \$373 million dollars has been invested in road, bridge and safety projects in the North Region.

This translates to 313 miles of roadway reconstructed or rehabilitated, 137 non-freeway miles resurfaced, 1,402 miles maintained, 18 miles of passing relief lanes constructed, 14 miles of new roads constructed, and 10 bridges upgraded in the past four years.

During FY 2005, the North Region worked on 82 projects worth more than \$72 million. Highlights of the 2005 construction program include:

US-23 Au Sable River Bridge deck overlay and railing in Iosco County

This bridge carries US-23 traffic over the Au Sable River in Oscoda. The project involved a deep overlay of the deck, replacing the existing railing with an aesthetic tube railing, and adding a five-foot wide pedestrian walkway on the water side of the bridge. This project simultaneously preserved the bridge and improved connectivity in the area. Pedestrian traffic from the south now has access to the downtown Oscoda area north of the Au Sable River.

Non-motorized corridor in Crawford County

Transportation Enhancement funding was used to complete a new section of non-motorized pathway along M-93 in Crawford County. With the completion of this segment, bicyclists and other non-motorized travelers are now able to travel from Camp Grayling all the way to Hartwick Pines State Park on a designated pathway.

Continuing focus on the US-131 corridor

Seven miles of southbound US-131 freeway in Osceola County and eight miles of the non-freeway US-131 in Antrim County were preserved in 2005 to continue the corridor approach to upgrading the surface condition of this busy stretch of highway. For the upcoming 2006 construction year, repairs are scheduled for 12 more miles of south bound US-131 in Osceola and Wexford Counties.

Major Rehabilitation of I-75 in Cheboygan County

Eight miles of I-75 north and southbound freeway in Cheboygan County were rehabilitated using a combination of Repair & Rebuild and Preserve First funding. Work performed included full depth concrete pavement repairs, diamond grinding, and new shoulders, in addition to rubblization and resurfacing of more than four miles of this section.

M-33 in Oscoda and Ogemaw Counties from south of the county line to Mio

This busy tourist corridor was rehabilitated by crushing and shaping the existing pavement, which was then utilized as the base for the new pavement. Detailed schedules and timing allowed this work to be completed with minimal disruption to vacation and seasonal travelers in the area.

I-75 from North Higgins Lake Road to US-127 and passing relief lane construction on US-31 from Horton Bay Road to Camp Dagget Road -

Letting dates were advanced from 2006 to 2005 for these two projects.

Six miles of major rehabilitation on north bound and south bound I-75 from North Higgins Lake Road to US-127 in Crawford County, and 1 ½ miles of passing relief lane construction on US-31 from Horton Bay Road to Camp Dagget Road in Emmet County, will be constructed in 2006. These two projects are not shown on the project listing because they were actually let early in September of 2005, at the end of the fiscal year.

Five Year Road and Bridge Program

The road and bridge preservation projects identified in this 2006 to 2010 Five Year Transportation Program for the North Region total approximately \$159 million (Note: this does not include \$67 million in CPM work). Investment is allocated in the following manner:

| Amount in Millions of Dollars FY 2006 through FY 2010 | | | | |
|--|----------------------|-----------------------------|-------------------------|--------------|
| North Region | Other Funding | Preserve First Funds | Jobs Today Funds | Total |
| Road Preservation | \$149 | \$4 | \$0 | \$153 |
| Bridge Preservation | \$5 | \$1 | \$0 | \$6 |
| Road & Bridge CPM | \$50 | \$0 | \$17 | \$67 |
| Total 2006-2010 | \$204 | \$5 | \$17 | \$226 |

(Road Preservation amounts include Passing Relief Lane and Roadside facilities.)
Amounts are rounded to the nearest million dollars)

Capital preventive maintenance (CPM) projects are planned for a significant number of pavements and structures that do not require extensive repairs during this Five Year Plan period. The CPM projects are short-term fixes, adding from five to ten

years of life to a pavement or maintaining the existing bridge condition. The Jobs Today investment initiative for the North Region will provide approximately \$17 million for CPM work over FY 2006 and FY 2007.

| North Region | Route Miles | Number of Bridges and other Structures |
|----------------------|-------------|--|
| Total in Region | 1,977 | 457 |
| Scheduled Work | 378 | 6 |
| Percentage of Region | 19% | 1% |

The 2006-2010 program for road preservation work reflects approximately 378 miles (19 %) of the North Region's 1,977 route miles of state trunklines during the next five years, this includes over 8 route miles of new passing relief lanes.

The 2006-2010 program for bridge preservation work will address 6 (1%) of the region's 457 trunkline bridges and structures.

Public Involvement

Two meetings were held in the North Region on November 29, 2005. The first was held in Traverse City. Nine citizens attended and several comments were emailed to MDOT. Gratitude was expressed by several of the attendees for having Director Jeff present the plan. Comments focused on preservation of the area's abandoned railroads for use as intermodal facilities. Also requests to improve the safety and efficiency of high volume routes and intersections. The second meeting was held in Gaylord, 40 citizens attended this meeting. They cited safety and strengthening the state's economy as the motivation behind their comments regarding the construction of a second I-75 overpass on the south side of Gaylord. A second overpass is hoped to relieve congestion on M-32 the primary east-west road in the region.

Corridor Improvement Strategies

Corridor improvement strategies are being developed and implemented as individual projects. Targeted corridors are M-72, US-23, M-65, and M-115, as well as the major north-south routes of I-75 and US-131. Access management planning, reconstruction, and passing relief lanes are being used to improve the heavily traveled M-72 corridor between Traverse City (US-31) and Grayling (I-75).

During this past construction season, the US-131 corridor strategy included repairing and rebuilding 15 miles of highway in Osceola and Antrim Counties, as well the construction of a limited-access transition from the end of the new freeway, south of the Manistee River to north of M-113. This work included the construction of a roadside park and a boat launch on the Manistee River.

2006-2010 ROAD & BRIDGE PROGRAM

NORTH BRIDGE - REPLACEMENT AND REHABILITATION

| COUNTY | ROUTE(COMMON NAME) | DIR. | LOCATION | TYPE OF WORK | LENGTH | 2006 | 2007 | 2008 | 2009 | 2010 |
|----------|--------------------|------|---|----------------------------|--------|------|------|------|------|------|
| EMMET | I-75 | | I-75 OVER CENTRAL STREET | OVERLAY - DEEP | 0.001 | CON | | | | |
| IOSCO | US-23 | | US-23 OVER PRIVATE RAILROAD (ABANDONED) | SUPERSTRUCTURE REPLACEMENT | 0.001 | | CON | | | |
| LEELANAU | M-22 | | M-22 OVER CEDAR CREEK | BRIDGE REPLACEMENT | 0.000 | | CON | | | |
| LEELANAU | M-22 | | M-22 OVER GLEN LAKE NARROWS | BRIDGE REPLACEMENT | 0.000 | | | CON | | |
| MANISTEE | M-115 | | M-115 OVER DNR (RAILS TO TRAILS) | CULVERT REPLACEMENT | 0.310 | CON | | | | |
| WEXFORD | M-37, M-115 | | M-37, M-115 OVER MDOT RAILROAD | DECK REPLACEMENT | 0.000 | | | | CON | |
| | | | | | 0.312 | | | | | |

2006-2010 ROAD & BRIDGE PROGRAM

NORTH PASSING RELIEF LANES

| COUNTY | ROUTE(COMMON NAME) | DIR. | LOCATION | TYPE OF WORK | LENGTH | 2006 | 2007 | 2008 | 2009 | 2010 |
|----------------|--------------------|------|--|----------------|--------|------|------|------|------|------|
| ALPENA | M-32 (M-32) | | LAKE WINYAH ROAD EAST TO BAGELY STREET | MINOR WIDENING | 1.680 | CON | | | | |
| EMMET | US-31 | | SHAW ROAD TO GRAHAM ROAD | MINOR WIDENING | 1.500 | | | CON | | |
| GRAND TRAVERSE | M-113 | | FROM KINGSLEY WEST 1.4 MILES | MINOR WIDENING | 1.381 | | | CON | | |
| LEELANAU | M-72 | | FROM CEDAR RUN ROAD TO GOODRICK ROAD | MINOR WIDENING | 1.510 | | CON | | | |
| OSCODA | M-33 | | CURTISVILLE ROAD TO ZIMOWSKI ROAD | MAJOR WIDENING | 1.307 | CON | | | | |
| WEXFORD | M-55 (M-55) | | WEST OF 17 ROAD TO WEST OF 21 ROAD | MINOR WIDENING | 2.917 | | CON | | | |
| | | | | | 10.295 | | | | | |

2006-2010 ROAD & BRIDGE PROGRAM

NORTH REPAIR AND REBUILD ROADS

| COUNTY | ROUTE(COMMON NAME) | DIR. | LOCATION | TYPE OF WORK | LENGTH | 2006 | 2007 | 2008 | 2009 | 2010 |
|----------------|-------------------------------|------|--|--------------------------------|--------|------|------|------|------|------|
| ALCONA | M-72 (M-72) | | O'DONNELL RD. TO F-41 | RESURFACE | 11.350 | CON | | | | |
| ALCONA | US-23 | | NORTH OF GREENBUSH TO SOUTH OF M-72 IN HARRISVILLE | RESTORATION AND REHABILITATION | 3.840 | CON | | | | |
| ALCONA | US-23 | | EVERETT ROAD TO BLACK RIVER ROAD | RESTORATION AND REHABILITATION | 4.889 | | | | CON | |
| ALCONA | US-23 | | FROM LAKE SHORE DRIVE NORTH | RESTORATION AND REHABILITATION | 1.348 | | | | | CON |
| ALPENA | M-32 | | INTERSECTION AT RIPLEY STREET IN ALPENA | RECONSTRUCTION | 0.456 | | | CON | | |
| ALPENA | M-65 | | M-32 TO POSEN | RESURFACE | 13.896 | CON | | | | |
| ALPENA | M-65 | | SOUTH OF VANWAGNER ROAD TO M-32 | RESURFACE | 16.221 | | CON | | | |
| ALPENA | US-23 | | THUNDER BAY RIVER BRIDGE TO HAMILTON ROAD | RECONSTRUCTION | 2.390 | | | CON | | |
| ALPENA | US-23 | | HAMILTON ROAD TO PRESQUE ISLE COUNTY LINE | RESURFACE | 8.019 | | CON | | | |
| ANTRIM | M-88 | | SOUTH OF ECKHARDT ROAD TO SOUTH CENTRAL LAKE | RESURFACE | 1.400 | CON | | | | |
| ANTRIM | M-88 | | BELLAIRE TO ECKHARDT ROAD | RESTORATION AND REHABILITATION | 5.480 | | | CON | | |
| ANTRIM | US-131 | | FROM ELDER ROAD NORTH TO M-66 | RECONSTRUCTION | 2.314 | | | | CON | |
| ANTRIM | US-31 | | FROM ELK RAPIDS TO CAMPBELL ROAD | RESTORATION AND REHABILITATION | 4.697 | | | | | CON |
| BENZIE | M-115 | | MANISTEE COUNTY LINE TO US-31 | RESURFACE | 10.941 | CON | | | | |
| BENZIE | M-115 | | FROM BRIDGE STREET EAST 4 MILES | RESTORATION AND REHABILITATION | 3.469 | | | | CON | |
| BENZIE | M-168 (Frankfort Avenue) | | FROM M-22 NORTHERLY TO ELBERTA | RESURFACE | 0.940 | | | | | CON |
| BENZIE | M-168 (Frankfort Ave) | | ENTIRE LENGTH OF M-168 | RECONSTRUCTION | 0.953 | | | | | CON |
| BENZIE | M-22 | | MANISTEE COUNTY LINE TO ELBERTA | RESURFACE | 8.120 | | CON | | | |
| CHARLEVOIX | M-32 | | JORDAN RIVER BRIDGE EAST TO THIRD STREET | RECONSTRUCTION | 0.281 | CON | | | | |
| CHEBOYGAN | I-75 | | FROM INDIAN RIVER TO TOPINABEE | RESTORATION AND REHABILITATION | 4.690 | | CON | | | |
| CHEBOYGAN | I-75 | | TOPINABEE ROAD TO RIGGSVILLE ROAD | RESTORATION AND REHABILITATION | 5.547 | | | CON | | |
| CHEBOYGAN | I-75 NB | | FROM US-31 NORTH TO M-108 | RESURFACE | 1.990 | | CON | | | |
| CHEBOYGAN | I-75 SB (M 108/S I 75 RAMP) | | I-75 SB AT M-108 | RECONSTRUCTION | 0.000 | CON | | | | |
| CHEBOYGAN | M-212 (Center Street) | | TO ALOHA STATE PARK | RESTORATION AND REHABILITATION | 0.733 | CON | | | | |
| CHEBOYGAN | M-27 | | FROM LINCOLN ST TO US-23 | RECONSTRUCTION | 0.992 | | | | CON | |
| CHEBOYGAN | US-23 | | FROM CHEBOYGAN EAST COUNTY LINE TO GARFIELD | RESTORATION AND REHABILITATION | 13.780 | | | | CON | |
| CRAWFORD | I-75 BL | | FROM M-72 EAST TO M-72 WEST | RECONSTRUCTION | 0.688 | | | | CON | |
| CRAWFORD | I-75 SB | | HARTWICK PINES REST AREA | ROADSIDE FACILITIES - PRESERVE | 0.000 | | | CON | | |
| GRAND TRAVERSE | M-72 | | US-31 AND M-72 IN ACME | MINOR WIDENING | 1.528 | | CON | | | |
| GRAND TRAVERSE | US-31 | | ACME NORTHERLY TO THE ANTRIM COUNTY LINE | RESURFACE | 7.140 | CON | | | | |
| IOSCO | M-65 | | FROM THE AU SABLE RIVER NORTH TO KINGSCORNER ROAD | RESTORATION AND REHABILITATION | 3.593 | | | | CON | |
| KALKASKA | US-131 | | KALKASKA TO VILLAGE OF ANTRIM | RESURFACE | 11.273 | | CON | | | |
| LAKE | M-37 | | US-10 (NORTH JUNCTION) TO 7 MILE ROAD | RESURFACE | 10.478 | | CON | | | |
| LAKE | US-10 | | FROM BROADWAY AVENUE TO DEPOT STREET | RESTORATION AND REHABILITATION | 7.740 | | | | | CON |
| LEELANAU | M-204 | | FROM GOODHARBOR BAY TO SUTTONS BAY | RESURFACE | 7.810 | CON | | | | |
| LEELANAU | M-22 | | FROM M-72 NORTH TO CEDAR CREEK | RESURFACE | 1.600 | | CON | | | |
| LEELANAU | M-22 | | FROM EMPIRE TO COUNTY ROAD 616 | RESURFACE | 3.810 | CON | | | | |
| LEELANAU | M-22 | | COUNTY ROAD 675 TO M-204 | RESURFACE | 15.530 | | CON | | | |
| LEELANAU | M-22 (South Leelanau Highway) | | FROM COUNTY LINE TO EMPIRE | RESTORATION AND REHABILITATION | 2.693 | | | | | CON |
| LEELANAU | M-22 (West Bay Shore Drive) | | FROM M-201 TO OMENA | RESTORATION AND REHABILITATION | 5.043 | | | | | CON |
| MANISTEE | M-115 | | NORTH MANISTEE COUNTY LINE TO EAST MANISTEE COUNTY | RESURFACE | 9.776 | CON | | | | |

2006-2010 ROAD & BRIDGE PROGRAM

NORTH REPAIR AND REBUILD ROADS

| COUNTY | ROUTE(COMMON NAME) | DIR. | LOCATION | TYPE OF WORK | LENGTH | 2006 | 2007 | 2008 | 2009 | 2010 |
|--------------|-----------------------------|------|---|-----------------------------------|---------|------|------|------|------|------|
| MANISTEE | US-31 | | BETWEEN MANISTEE AND BEAR LAKE | RECONSTRUCTION | 5.227 | | CON | | | |
| MANISTEE | US-31 (S US 31) | | US-31 AT MEMORIAL DRIVE | TRAFFIC OPERATIONS OR SAFETY WORK | 0.119 | | | | CON | |
| MISSAUKEE | M-55 | | M-66 TO 8 MILE ROAD | RESTORATION AND REHABILITATION | 8.125 | | | CON | | |
| MISSAUKEE | M-66 | | M-55 TO M-42 | RESTORATION AND REHABILITATION | 2.080 | | | CON | | |
| MONTMORENCY | M-33 | | M-32 IN ATLANTA NORTH TO PRESQUE ISLE COUNTY LINE | RESTORATION AND REHABILITATION | 14.292 | CON | | | | |
| OGEMAW | I-75 NB | | WEST BRANCH REST AREA | ROADSIDE FACILITIES - PRESERVE | 0.000 | CON | | | | |
| OGEMAW | M-30 | | FROM THE GLADWIN COUNTY LINE TO M-55 | RESURFACE | 8.179 | | CON | | | |
| OGEMAW | M-55 | | HENDERSON LAKE ROAD TO SAGE LAKE ROAD | RESURFACE | 4.729 | | CON | | | |
| OGEMAW | M-55 OLD (County Road 23) | | FROM WEST OF WOODS RD TO WEST OF GREEN RD | RESURFACE | 8.105 | CON | | | | |
| OSCEOLA | M-115 | | 50TH AVENUE TO 19 MILE ROAD | RECONSTRUCTION | 3.140 | | | CON | | |
| OSCEOLA | M-115 | | M-61 TO CLARE COUNTY LINE | RESTORATION AND REHABILITATION | 5.821 | | | | CON | |
| OSCEOLA | OLD 131 | | FROM SOUTH OSCEOLA COUNTY LINE TO 3 MILE RD. | RESURFACE | 3.010 | | | | | CON |
| OSCEOLA | US-10 | | 200TH AVENUE TO WEST OF 175TH AVENUE | RECONSTRUCTION | 2.320 | CON | | | | |
| OSCEOLA | US-131 NB | | NORTH OF LUTHER ROAD TO M-115 | RESURFACE | 15.386 | | CON | | | |
| OSCEOLA | US-131 SB | PF | SOUTH OF LUTHER ROAD TO WHITE PINE TRAIL | RESURFACE | 12.178 | CON | | | | |
| OSCODA | M-72 | | FROM FAIRVIEW TO CROOKED LAKE ROAD | RESTORATION AND REHABILITATION | 9.248 | | | | | CON |
| OTSEGO | I-75 | | RAMPS AT OLD 27 | RESTORATION AND REHABILITATION | 0.000 | | | CON | | |
| PRESQUE ISLE | M-68 | | CURTIS ROAD TO US-23 | RESURFACE | 7.090 | | CON | | | |
| ROSCOMMON | I-75 | | FROM MAPLE VALLEY ROAD TO NINE MILE HILL ROAD | RESTORATION AND REHABILITATION | 7.010 | | | | | CON |
| ROSCOMMON | I-75 SB | | NINE MILE HILL REST AREA | ROADSIDE FACILITIES - PRESERVE | 0.000 | CON | | | | |
| ROSCOMMON | US-127 NB | | AT HOUGHTON LAKE REST AREA | ROADSIDE FACILITIES - PRESERVE | 0.335 | | | | | CON |
| ROSCOMMON | US-127 SB | | AT THE HIGGINS LAKE REST AREA | ROADSIDE FACILITIES - PRESERVE | 1.193 | | | | CON | |
| WEXFORD | M-115 | | SUNNYSIDE DRIVE TO 39 ROAD | RECONSTRUCTION | 0.852 | CON | | | | |
| WEXFORD | M-115 | | MACKINAW TRAIL TO 46 ROAD | RESURFACE | 1.009 | | | CON | | |
| WEXFORD | M-37 | | NORTH OF 30 ROAD TO M-115 | RESURFACE | 7.598 | CON | | | | |
| WEXFORD | M-37 | | M-55 TO 30 ROAD | RESURFACE | 11.831 | | CON | | | |
| WEXFORD | US-131 | | M-115 TO SOUTH OF US-131BR | RESTORATION AND REHABILITATION | 0.744 | CON | | | | |
| WEXFORD | US-131 BR (Mitchell Street) | | PEARL STREET TO CHAPIN STREET | RECONSTRUCTION | 0.912 | | | | CON | |
| | | | | | 357.971 | | | | | |